

IN THE CLAIMS

Please amend the claims as follows:

1. (Currently Amended) An input device, comprising:

a body having an interior portion containing electronics that are configured to perform a wireless communication including at least one of a mobile telephone communication and a television remote controller communication; and

bioindex detecting means for detecting a pulse wave, the bioindex detecting means located at a rear ~~facing portion~~ face opposite to a front ~~facing portion~~ face of a casing of the body, the front ~~facing portion~~ face including a display screen,

the rear ~~facing portion~~ face including a finger holding cover projecting from the rear face and having an internal surface shape curved to take substantially the same shape as a finger tip shape, ~~and a finger tip insertion portion formed between the finger holding cover and the rear facing portion, the bioindex detecting means located within the finger tip insertion portion~~ the finger holding cover covering the bioindex detecting means.

2. (Previously Presented) The input device according to claim 1, further comprising:

bioindex detecting means for detecting at least one of a sweating, a heartbeat, a Galvanic Skin Reflex, a Galvanic Skin Response, a MV (Micro Vibration), a myoelectric potential, and a SPO2 (blood oxygen saturation level).

3. (Previously Presented) The input device according to claim 1, further comprising:

bioindex detecting means for detecting a Galvanic Skin Reflex or a Galvanic Skin Response between two predetermined points of a hand.

4. (Canceled)

5. (Previously Presented) The input device according to claim 1, further comprising:
bioindex detecting means for detecting a body temperature.

6. (Previously Presented) The input device according to claim 5, further comprising:
finger tip temperature detecting means for detecting a finger tip temperature, provided
at a position with which a finger tip comes into contact, and
palm temperature detecting means, provided at a position with which a palm comes
into contact, for detecting a palm temperature.

7. (Canceled)

8. (Previously Presented) The input device according to claim 42, wherein the
selection means compares signal-to-noise ratios of output values detected by the bioindex
detecting means to select an output value having a higher signal-to-noise ratio.

9. (Previously Presented) The input device according to claim 42, wherein the
selection means compares detection levels of output values detected by the bioindex detecting
means to select an output value having a higher detection level.

10. (Previously Presented) The input device according to claim 42, wherein the
selection means compares auto-correlation functions of output values detected by the
bioindex detecting means to select an output value in which a correlation has been taken to a
higher degree.

11. (Previously Presented) The input device according to claim 42, wherein the selection means selects one output from outputs from the bioindex detecting means.

12. (Previously Presented) The input device according to claim 42, wherein the selection means selects, as an output value, a value which has been detected substantially as the same value as another value at the bioindex detecting means.

13. (Previously Presented) The input device according to claim 42, wherein the selection means selects, as an output value, an average value obtained by averaging values detected at the bioindex detecting means.

14. (Previously Presented) The input device according to claim 42, wherein the bioindex detecting means includes a plurality of similar bioindex detecting means for detecting a same bioindex.

15. (Previously Presented) The input device according to claim 42, further comprising:
different kinds of bioindex detecting means for detecting a same bioindex by different techniques.

16. (Previously Presented) The input device according to claim 42, further comprising:
different kinds of bioindex detecting means for detecting different bioindices.

17-18. (Canceled)

19. (Currently Amended) The input device according to claim 42, wherein the bioindex detecting means is hand-held during a control or a steering at any one of ~~machines to be controlled including~~ an automotive vehicle, a train, an airplane, a ship, and an industrial machinery.

20. (Currently Amended) An input method for an input device, the method comprising:

contacting, with a body of the input device, a hand, said body having an interior portion containing electronics that are configured to perform a wireless communication including at least one of a mobile telephone communication and a remote controller communication; and

detecting, by bioindex detecting means, a pulse wave, the bioindex detecting means located at a rear ~~face~~ portion face opposite to a front ~~face~~ portion face of a casing of the body, the front ~~face~~ portion face including a display screen, the rear ~~face~~ portion face including a finger holding cover projecting from the rear face and having an internal surface shape curved to take substantially the same shape as a finger tip shape, ~~and a finger tip insertion portion formed between the finger holding cover and the rear facing portion, the bioindex detecting means located within the finger tip insertion portion~~ the finger holding cover covering the bioindex detecting means.

21. (Previously Presented) The input method according to claim 20, further comprising:

detecting at least one of a sweating, a heartbeat, a skin temperature, a Galvanic Skin Reflex, a Galvanic Skin Response, a MV (Micro Vibration), a myoelectric potential, and a SPO2 (blood oxygen saturation level).

22. (Previously Presented) The input method according to claim 20, wherein the detecting consists of detecting plural bioindex detections, and

the method further comprises:

selecting at least one bioindex information from bioindex information detected at the detecting plural bioindex detections; and

analyzing the at least one bioindex information selected at the selecting.

23. (Previously Presented) The input method according to claim 22, wherein the plural bioindex detections detect the same bioindex.

24. (Previously Presented) The input method according to claim 22, wherein the plural bioindex detections detect the same bioindex by different techniques.

25. (Previously Presented) The input method according to claim 22, wherein the plural bioindex detections detect different bioindices.

26. (Currently Amended) A electronic equipment including an input unit, the input unit comprising:

a body having an interior portion containing electronics that are configured to perform a wireless communication including at least one of a mobile telephone communication and a remote controller communication; and

bioindex detecting means for detecting a pulse wave, the bioindex detecting means located at a rear ~~facing portion~~ face opposite to a front ~~facing portion~~ face of a casing of the body, the front ~~facing portion~~ face including a display means,

a finger holding cover projecting from the rear face and having an internal surface shape curved to take substantially the same shape as a finger tip shape, ~~and a finger tip insertion portion formed between the finger holding cover and the rear facing portion~~, located at the rear ~~facing portion~~ face, ~~the bioindex detecting means located within the finger tip insertion portion~~ the finger holding cover covering the bioindex detecting means.

27. (Previously Presented) The electronic equipment according to claim 26, further comprising:

bioindex detecting means for detecting at least one of a sweating, a heartbeat, a skin temperature, a Galvanic Skin Reflex, a Galvanic Skin Response, a MV (Micro Vibration), a myoelectric potential, and a SPO2 (blood oxygen saturation level).

28. (Previously Presented) The electronic equipment according to claim 26, further comprising:

detecting means for detecting a Galvanic Skin Reflex or a Galvanic Skin Response between two predetermined points of a hand.

29. (Previously Presented) The electronic equipment according to claim 28, wherein the display means displays a guide display for an operation and information, the detecting means located at a side surface portion of the casing.

30. (Previously Presented) The electronic equipment according to claim 28, further comprising:

operation means for an operation input, the detecting means located at a position of a surface of the operation means with which a finger comes into contact.

31. (Previously Presented) The electronic equipment according to claim 28, wherein the detecting means is provided at a corner portion of the casing.

32. (Canceled)

33. (Previously Presented) The electronic equipment according to claim 28, wherein the display means displays a guide display for an operation and information.

34. (Currently Amended) The electronic equipment according to claim 33, wherein light emitting means are provided at an inner surface of the finger holding cover, light receiving means as the bioindex detecting means located at the rear ~~face~~ portion face of the casing opposite to the light emitting means.

35. (Previously Presented) The electronic equipment according to claim 26, further comprising:

bioindex detecting means for detecting a body temperature.

36. (Previously Presented) The electronic equipment according to claim 35, further comprising:

finger tip temperature detecting means, provided at a position with which a finger comes into contact, for detecting a finger tip temperature; and

palm temperature detecting means, provided at a position with which a palm comes into contact, for detecting a palm temperature.

37. (Currently Amended) The electronic equipment according to claim 36, wherein the display means displays a guide display for an operation and information,

the electronic equipment further comprising:

bioindex detecting means located at a side surface portion with respect to the front ~~facing portion~~ face.

38. (Previously Presented) The electronic equipment according to claim 36, further comprising:

operation means, the finger tip temperature detecting means located at a position of a surface of the operation means with which a finger comes into contact.

39. (Previously Presented) The electronic equipment according to claim 36, wherein the palm temperature detecting means is provided at a corner portion of an outer peripheral surface side of the casing.

40. (Currently Amended) The electronic equipment according to claim 36, wherein the finger tip temperature detecting means is provided at the rear ~~facing portion~~ face of the casing.

41. (Canceled)

42. (Previously Presented) The input device according to claim 1, further comprising:

bioindex analyzing means for analyzing bioindex information detected by the bioindex detecting means; and

selection means for selecting bioindex information from the bioindex information detected by the bioindex detecting means, the bioindex analyzing means analyzing the bioindex information selected by the selection means.

43. (Previously Presented) The input device according to claim 1, wherein the input device inputs instructions to any one of a personal computer, a television image receiver, a video and/or audio signal recording and/or reproducing device, and an air conditioner,

said casing of said body including a first sensor on a first side of said body and a second sensor on a second side of said body, said first sensor and said second sensor positioned to be in contact with a hand during the wireless communication.